

Michael D Henry

List of Publications by Year in descending order

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77
papers

8,417
citations

87723

38
h-index

76769

74
g-index

81
all docs

81
docs citations

81
times ranked

10773
citing authors

#	ARTICLE	IF	CITATIONS
1	Melanoma Brain Metastases in the Era of Targeted Therapy and Checkpoint Inhibitor Therapy. <i>Cancers</i> , 2021, 13, 1489.	1.7	7
2	Modeling the Effects of Hemodynamic Stress on Circulating Tumor Cells using a Syringe and Needle. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	0
3	Development and comparison of novel bioluminescent mouse models of pancreatic neuroendocrine neoplasm metastasis. <i>Scientific Reports</i> , 2021, 11, 10252.	1.6	4
4	Locally invasive, castrate-resistant prostate cancer in a Pten/Trp53 double knockout mouse model of prostate cancer monitored with non-invasive bioluminescent imaging. <i>PLoS ONE</i> , 2020, 15, e0232807.	1.1	4
5	Pharmacological ascorbate inhibits pancreatic cancer metastases via a peroxide-mediated mechanism. <i>Scientific Reports</i> , 2020, 10, 17649.	1.6	13
6	Functional Genomic Screening Independently Identifies CUL3 as a Mediator of Vemurafenib Resistance via Src-Rac1 Signaling Axis. <i>Frontiers in Oncology</i> , 2020, 10, 442.	1.3	45
7	Cancer Cells Resist Mechanical Destruction in Circulation via RhoA/Actomyosin-Dependent Mechano-Adaptation. <i>Cell Reports</i> , 2020, 30, 3864-3874.e6.	2.9	61
8	Survival of the resilient: Mechano-adaptation of circulating tumor cells to fluid shear stress. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1766338.	0.3	4
9	Prostate tumor cell exosomes containing hyaluronidase Hyal1 stimulate prostate stromal cell motility by engagement of FAK-mediated integrin signaling. <i>Matrix Biology</i> , 2019, 78-79, 165-179.	1.5	49
10	High content screening identifies monensin as an EMT-selective cytotoxic compound. <i>Scientific Reports</i> , 2019, 9, 1200.	1.6	25
11	Biomechanics of the Circulating Tumor Cell Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1092, 209-233.	0.8	41
12	A model for the detection of pancreatic ductal adenocarcinoma circulating tumor cells. <i>Journal of Biological Methods</i> , 2018, 5, e97.	1.0	3
13	Natural Products Discovered in a High-Throughput Screen Identified as Inhibitors of RGS17 and as Cytostatic and Cytotoxic Agents for Lung and Prostate Cancer Cell Lines. <i>Journal of Natural Products</i> , 2017, 80, 1992-2000.	1.5	21
14	Targeting Phenotypic Plasticity in Prostate Cancer. <i>Current Molecular Biology Reports</i> , 2017, 3, 183-196.	0.8	3
15	A Trp53fl/flPtenfl/fl mouse model of undifferentiated pleomorphic sarcoma mediated by adeno-Cre injection and in vivo bioluminescence imaging. <i>PLoS ONE</i> , 2017, 12, e0183469.	1.1	13
16	Inhibiting G protein $\beta\gamma$ signaling blocks prostate cancer progression and enhances the efficacy of paclitaxel. <i>Oncotarget</i> , 2017, 8, 36067-36081.	0.8	10
17	Targeting epigenetics for treatment of BRAF mutated metastatic melanoma with decitabine in combination with vemurafenib: A phase Ib study. <i>Oncotarget</i> , 2017, 8, 89182-89193.	0.8	33
18	$\beta\gamma$ 1 Integrin Suppresses Prostate Cancer Metastasis via Regulation of the Hippo Pathway. <i>Cancer Research</i> , 2016, 76, 6577-6587.	0.4	55

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19	Individualization of Adjuvant Therapy After Radical Prostatectomy for Clinically Localized Prostate Cancer: Current Status and Future Directions. <i>Clinical Genitourinary Cancer</i> , 2016, 14, 12-21.	0.9	7
20	Alterations in cancer cell mechanical properties after fluid shear stress exposure: a micropipette aspiration study. <i>Cell Health and Cytoskeleton</i> , 2015, 7, 25.	0.7	46
21	Loss of SOD3 (EcSOD) Expression Promotes an Aggressive Phenotype in Human Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2015, 21, 1741-1751.	3.2	58
22	The glycosyltransferase LARGE2 is repressed by Snail and ZEB1 in prostate cancer. <i>Cancer Biology and Therapy</i> , 2015, 16, 125-136.	1.5	15
23	CD151 promotes $\beta 1$ integrin-dependent organization of carcinoma cell junctions and restrains collective cell invasion. <i>Cancer Biology and Therapy</i> , 2015, 16, 1626-1640.	1.5	14
24	Downregulation of dystroglycan glycosyltransferases LARGE2 and ISPD associate with increased mortality in clear cell renal cell carcinoma. <i>Molecular Cancer</i> , 2015, 14, 141.	7.9	20
25	Targeting geranylgeranylation reduces adrenal gland tumor burden in a murine model of prostate cancer metastasis. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 555-566.	1.7	19
26	Intestinal Helminths Regulate Lethal Acute Graft-versus-Host Disease and Preserve the Graft-versus-Tumor Effect in Mice. <i>Journal of Immunology</i> , 2015, 194, 1011-1020.	0.4	16
27	Transcriptome-wide Landscape of Pre-mRNA Alternative Splicing Associated with Metastatic Colonization. <i>Molecular Cancer Research</i> , 2015, 13, 305-318.	1.5	63
28	Impact of Prostate Inflammation on Lesion Development in the POET3+ Pten Mouse Model of Prostate Carcinogenesis. <i>American Journal of Pathology</i> , 2014, 184, 3176-3191.	1.9	10
29	rMATS: Robust and flexible detection of differential alternative splicing from replicate RNA-Seq data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5593-601.	3.3	1,774
30	Integrin $\beta 1$ Can Function to Promote Spontaneous Metastasis and Lung Colonization of Invasive Breast Carcinoma. <i>Molecular Cancer Research</i> , 2014, 12, 143-154.	1.5	53
31	Intestinal Helminth Colonization Regulates Lethal Graft Versus Host Disease and Preserves Graft Versus Tumor in Bone Marrow Transplanted Mice. <i>Blood</i> , 2014, 124, 1102-1102.	0.6	0
32	Integrin $\beta 1$ regulates tumor cell responses to stromal cells and can function to suppress prostate cancer metastatic colonization. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 541-552.	1.7	31
33	Loss of LARGE2 Disrupts Functional Glycosylation of β -Dystroglycan in Prostate Cancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 2132-2142.	1.6	33
34	Prolyl-4-Hydroxylase 3 (PHD3) Expression Is Downregulated during Epithelial-to-Mesenchymal Transition. <i>PLoS ONE</i> , 2013, 8, e83021.	1.1	6
35	Chronic Chlorpyrifos Exposure Does Not Promote Prostate Cancer in Prostate Specific PTEN Mutant Mice. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2013, 32, 29-39.	0.6	5
36	Eradication of Metastatic Renal Cell Carcinoma after Adenovirus-Encoded TNF-Related Apoptosis-Inducing Ligand (TRAIL)/CpG Immunotherapy. <i>PLoS ONE</i> , 2012, 7, e31085.	1.1	46

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37	Resistance to Fluid Shear Stress Is a Conserved Biophysical Property of Malignant Cells. PLoS ONE, 2012, 7, e50973.	1.1	140
38	Slow Disease Progression in a C57BL/6 Pten-Deficient Mouse Model of Prostate Cancer. American Journal of Pathology, 2011, 179, 502-512.	1.9	46
39	Epithelial-to-mesenchymal transition in prostate cancer: paradigm or puzzle?. Nature Reviews Urology, 2011, 8, 428-439.	1.9	165
40	An inducible model of abacterial prostatitis induces antigen specific inflammatory and proliferative changes in the murine prostate. Prostate, 2011, 71, 1139-1150.	1.2	40
41	Down regulation of CSL activity inhibits cell proliferation in prostate and breast cancer cells. Journal of Cellular Biochemistry, 2011, 112, 2340-2351.	1.2	26
42	The ARF Tumor Suppressor Inhibits Tumor Cell Colonization Independent of p53 in a Novel Mouse Model of Pancreatic Ductal Adenocarcinoma Metastasis. Molecular Cancer Research, 2011, 9, 867-877.	1.5	26
43	Vinculin Activators Target Integrins from Within the Cell to Increase Melanoma Sensitivity to Chemotherapy. Molecular Cancer Research, 2011, 9, 712-723.	1.5	10
44	A Critical Role of $\text{G}\hat{\alpha}\hat{\beta}$ in Tumorigenesis and Metastasis of Breast Cancer. Journal of Biological Chemistry, 2011, 286, 13244-13254.	1.6	43
45	Dystroglycan is not required for maintenance of the luminal epithelial basement membrane or cell polarity in the mouse prostate. Prostate, 2010, 70, 777-787.	1.2	12
46	ZEB1 Coordinately Regulates Laminin-332 and $\hat{\alpha}24$ Integrin Expression Altering the Invasive Phenotype of Prostate Cancer Cells*. Journal of Biological Chemistry, 2010, 285, 33940-33948.	1.6	68
47	Bone-specific growth inhibition of prostate cancer metastasis by Atrasentan. Cancer Biology and Therapy, 2010, 9, 607-614.	1.5	29
48	Endothelin-1 inhibits prostate cancer growth in vivo through vasoconstriction of tumor-feeding arterioles. Cancer Biology and Therapy, 2009, 8, 720-729.	1.5	15
49	Loss of $\hat{\alpha}5$ -Dystroglycan Laminin Binding in Epithelium-derived Cancers Is Caused by Silencing of LARGE. Journal of Biological Chemistry, 2009, 284, 11279-11284.	1.6	96
50	ZEB1 Enhances Transendothelial Migration and Represses the Epithelial Phenotype of Prostate Cancer Cells. Molecular Biology of the Cell, 2009, 20, 2207-2217.	0.9	158
51	Assessing siRNA Pharmacodynamics in a Luciferase-expressing Mouse. Molecular Therapy, 2008, 16, 1995-2001.	3.7	21
52	Overview of bioluminescence tomography-a new molecular imaging modality. Frontiers in Bioscience - Landmark, 2008, 13, 1281.	3.0	46
53	Chemotherapeutic Agents Up-regulate the Cytomegalovirus Promoter: Implications for Bioluminescence Imaging of Tumor Response to Therapy. Cancer Research, 2007, 67, 10445-10454.	0.4	39
54	In vivo mouse studies with bioluminescence tomography. Optics Express, 2006, 14, 7801.	1.7	167

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55	Dystroglycan loss disrupts polarity and β -casein induction in mammary epithelial cells by perturbing laminin anchoring. <i>Journal of Cell Science</i> , 2006, 119, 4047-4058.	1.2	90
56	Assessing Tumor Growth and Distribution in a Model of Prostate Cancer Metastasis using Bioluminescence Imaging. <i>Clinical and Experimental Metastasis</i> , 2005, 22, 674-684.	1.7	69
57	Spiculated periosteal response induced by intraosseous injection of 22Rv1 prostate cancer cells resembles subset of bone metastases in prostate cancer patients. <i>Prostate</i> , 2005, 65, 347-354.	1.2	23
58	Disruption of perlecan binding and matrix assembly by post-translational or genetic disruption of dystroglycan function. <i>FEBS Letters</i> , 2005, 579, 4792-4796.	1.3	48
59	A Prostate-Specific Membrane Antigen-Targeted Monoclonal Antibody- α -Chemotherapeutic Conjugate Designed for the Treatment of Prostate Cancer. <i>Cancer Research</i> , 2004, 64, 7995-8001.	0.4	154
60	Unique Role of Dystroglycan in Peripheral Nerve Myelination, Nodal Structure, and Sodium Channel Stabilization. <i>Neuron</i> , 2003, 38, 747-758.	3.8	230
61	Disruption of <i>Dag1</i> in Differentiated Skeletal Muscle Reveals a Role for Dystroglycan in Muscle Regeneration. <i>Cell</i> , 2002, 110, 639-648.	13.5	260
62	Dystroglycan Is Selectively Associated with Inhibitory GABAergic Synapses But Is Dispensable for Their Differentiation. <i>Journal of Neuroscience</i> , 2002, 22, 4274-4285.	1.7	159
63	Deletion of brain dystroglycan recapitulates aspects of congenital muscular dystrophy. <i>Nature</i> , 2002, 418, 422-425.	13.7	532
64	A role for dystroglycan in epithelial polarization: loss of function in breast tumor cells. <i>Cancer Research</i> , 2002, 62, 7102-9.	0.4	125
65	Reduced expression of dystroglycan in breast and prostate cancer. <i>Human Pathology</i> , 2001, 32, 791-795.	1.1	93
66	Dystroglycan binding to laminin β 1LG4 module influences epithelial morphogenesis of salivary gland and lung in vitro. <i>Differentiation</i> , 2001, 69, 121-134.	1.0	72
67	Maturation and Maintenance of the Neuromuscular Synapse. <i>Neuron</i> , 2000, 25, 279-293.	3.8	263
68	Dystroglycan inside and out. <i>Current Opinion in Cell Biology</i> , 1999, 11, 602-607.	2.6	270
69	Analysis of the Role of Dystroglycan in Early Postimplantation Mouse Development. <i>Annals of the New York Academy of Sciences</i> , 1998, 857, 256-259.	1.8	14
70	Dystroglycan in development and disease. <i>Current Opinion in Cell Biology</i> , 1998, 10, 594-601.	2.6	138
71	A Role for Dystroglycan in Basement Membrane Assembly. <i>Cell</i> , 1998, 95, 859-870.	13.5	367
72	Identification of α -Dystroglycan as a Receptor for Lymphocytic Choriomeningitis Virus and Lassa Fever Virus. , 1998, 282, 2079-2081.		609

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73	Distribution of Dystroglycan in Normal Adult Mouse Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 449-457.	1.3	170
74	RhoA-Dependent Phosphorylation and Relocalization of ERM Proteins into Apical Membrane/Actin Protrusions in Fibroblasts. <i>Molecular Biology of the Cell</i> , 1998, 9, 403-419.	0.9	171
75	Dystroglycan Is Essential for Early Embryonic Development: Disruption of Reichert's Membrane in Dag1-Null Mice. <i>Human Molecular Genetics</i> , 1997, 6, 831-841.	1.4	482
76	Dystroglycan: an extracellular matrix receptor linked to the cytoskeleton. <i>Current Opinion in Cell Biology</i> , 1996, 8, 625-631.	2.6	240
77	Interdomain Interactions of Radixin in Vitro. <i>Journal of Biological Chemistry</i> , 1995, 270, 25324-25327.	1.6	83